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Attorney Docket No: 42390P15403

Patent

DECENTED

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re	Application of:)	NECEIVED
	Robert W. Heath Jr. et al.))	MAY 0 5 2003
Appli	cation No.: 09/653,060) Art Unit: 2681	Technology Center 2000
Filing Date: September 1, 2000 For: WIRELESS COMMUNICATIONS SYSTEM THAT SUPPORTS MULTIPLE MODES OF OPERATION		with the United State sufficient postage Assistant Commission on 4/25/	t this correspondence is being deposited es Postal Service as first class mail with in an envelope addressed to the oner for Patents, Washington, D.C. 20231 Date of Deposit
	tant Commissioner for Patents ington, D.C. 20231	Marte Co Signatu	uckto 4/25/03

REVOCATION AND POWER OF ATTORNEY

The assignee, Intel Corporation, of the above-identified Patent Application, hereby revokes all previous powers of attorney given in this Patent Application, and appoints the firm identified below and individual.

Intel Corporation, a corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an Assignment from the inventor(s) of the patent application identified above. The Assignment was recorded in the Patent and Trademark Office at Reel______, Frame______, or when the Assignment has not yet been recorded, a copy thereof is attached.

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, a firm including: Ramin Aghevli, Reg. No. 43,462; William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; W. Thomas Babbitt, Reg. No. 39,591; Jordan M. Becker, Reg. No. 39,602; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Thomas M. Coester, Reg. No. 39,637; Robert P. Cogan, Reg. No. 25,049; Florin A. Corie, Reg. No. 46,244; Mimi D. Dao, Reg. No. 45,628; Stephen M. De Klerk, Reg. No. 46,503; Daniel M. De Vos, Reg. No. 37,813; Sanjeet

Dutta, Reg. No. 46,145; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; George L. Fountain, Reg. No. 37,374; Angelo J. Gaz, Reg. No. 45,907; Andre M. Gibbs, Reg. No. 47,593; James Y. Go, Reg. No. 40,621; Mark A. Goldstein, Reg. No. 50,759; Michael D. Graham, Reg. No. 51,751; Melissa A. Haapala, Reg. No. 47,622; Alan E. Heimlich, Reg. No. 48,808; James A. Henry, Reg. No. 41,064; William E. Hickman, Reg. No. 46,771; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Libby H. Hope, Reg. No. 46,774; Eric S. Hyman, Reg. No. 30,139; William W. Kidd, Reg. No. 31,772; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Steve Laut, Reg. No. 47,736; Suk S. Lee, Reg. No. 47,745; Gordon R. Lindeen III, Reg. No. 33,192; Jan C. Little, Reg. No. 41,181; Julio Loza, Reg. No. 47,758; Joseph Lutz, Reg. No. 43,765; Lawrence E. Lycke, Reg. No. 38,540; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, Reg. No. 48,095; Raul D. Martinez, Reg. No. 46,904; Paul A. Mendonsa, Reg. No. 42,879; Jonathan S. Miller, Reg. No. 48,534; Richard A. Nakashima, Reg. No. 42,023; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, Reg. No. 41,236; Gregg A. Peacock, Reg. No. 45,001; Philip A. Pedigo, Reg. No. P-52,107; Marina Portnova, Reg. No. 45,750; Michael A. Proksch, Reg. No. 43,021; Joseph A. Pugh, Reg. No. P-52,137; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Saina S. Shamilov, Reg. No. 48,266; Kevin G. Shao, Reg. No. 45,095; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Edwin H. Taylor, Reg. No. 25,129; Lisa Tom, Reg. No. P-52,291; John F. Travis, Reg. No. 43,203; Thomas J. Treutler, Reg. No. 51,126; Kerry D. Tweet, Reg. No. 45,959; Mark C. Van Ness, Reg. No. 39,865; Thomas A. Van Zandt, Reg. No. 43,219; Lester J. Vincent, Reg. No. 31,460; Glenn E. Von Tersch, Reg. No. 41,364; John P. Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Brent E. Vecchia, Reg. No. 48,011, and Lehua Wang, Reg. No. 48,023; my patent agents, of BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and Alan K. Aldous, Reg. No. 31,905; Ed Brake, Reg. No. 37,784; Ben Burge, Reg. No. 42,372; Robert A. Burtzlaff, Reg. No. 35,466; Richard C. Calderwood, Reg. No. 35,468; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg No. 39,973; Jeffrey B. Huter, Reg. No. 41,086; John Kacvinsky, Reg. No. 40,040; Seth Z. Kalson, Reg. No. 40,670; David J. Kaplan, Reg. No. 41,105; Peter Lam, Reg. No. 44,855; Anthony Martinez, Reg No. 44,223; Paul Nagy, Reg. No. 37,896; Dennis A. Nicholls, Reg. No. 42,036; Leo V. Novakoski, Reg. No. 37,198; Lanny Parker, Reg. No. 44,281; Thomas C. Reynolds, Reg. No. 32,488; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Robert G. Winkle, Reg. No. 37,474; Sharon Wong, Reg. No. 37,760; Steven D. Yates, Reg. No. 42,242; Calvin E. Wells; Reg. No. 43,256 and Charles K. Young, Reg. No. 39,435, my patent agents, of INTEL CORPORATION; and James R. Thein, Reg. No. 31,710, my patent attorney; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The individual whose signature appears below is authorized to execute this Power of Attorney on behalf of Intel Corporation.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Please direct all communications concerning this Application to:

Michael Proksch
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Boulevard, Seventh Floor
Los Angeles, CA 90025
(408) 720-8300

Bv:

David Simon

Chief Patent Counsel Intel Corporation

U.S. PATENT APPLICATION ASSIGNMENT

This U.S. Patent Application Assignment (this "Assignment") is made as of September 18, 2002 by **Iospan Wireless, Inc.**, a Delaware corporation ("Assignor"), to **Intel Corporation**, a Delaware corporation ("Assignee").

RECITALS

- A. Assignor and Assignee have entered into an Asset Purchase Agreement dated as of September 18, 2002 (the "Purchase Agreement"). All capitalized terms used herein but not otherwise defined shall have the meanings set forth in the Purchase Agreement.
- B. Pursuant to the Purchase Agreement, Assignor desires to assign to Assignee all of Assignor's right, title and interest in and to patent applications filed with the United States Patent and Trademark Office and set forth on Exhibit A hereto (the "Patent Applications").

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing premises, the mutual covenants and agreements contained in the Purchase Agreement and the covenants and agreements in this Assignment and to induce Assignee to consummate the transactions contemplated by the Purchase Agreement, Assignor agrees as follows:

- Assignor does hereby sell, transfer, convey, assign and deliver to Assignee all of Assignor's right, title and interest in and to the Patent Applications and any patents that may issue therefrom, including any foreign counterparts, divisions, continuations, or reissues of such patents, the same to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with all claims for Damages by reason of past infringements of the Patent Applications, along with the right to sue for and collect such Damages for the use and benefit of Assignee and its successors, assigns and other legal representatives.
- 2. Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any officer of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of intellectual property protection or applications as aforesaid, to issue the same to Assignee and its successors, assigns and other legal representatives in accordance with the terms of this instrument.
- 3. Assignor hereby covenants with Assignee and the successors and permitted assigns of Assignee that, from time to time after the date hereof, Assignor will promptly execute and deliver to Assignee or shall promptly procure the execution and delivery of any and all such instruments of sale, transfer, conveyance, assignment and delivery, consents, assurances, powers of attorney and other instruments as may reasonably be requested by Assignee in order to vest in

Assignee all of Assignor's right, title and interest in and to the Patents and carry out the purpose and intent of this Assignment and the Purchase Agreement.

IN WITNESS WHEREOF, Assignor has executed this Assignment on the date first above written.

IOSPAN WIRELESS, INC.

By:

Name: <u>Levent Gun</u>

Title: President and Chief Executive Officer

EXHIBIT A

	EAHIDII A		
Title	Filing Date	Serial No.	
Data Routing For Spatial Multiplexing In A Cellular Network	7/30/99	09/518,500	
Subscriber Unit Incorporating Spatial Multiplexing	4/7/00	09/545,434	
Subscriber Unit In A Hybrid Link Incorporating Spatial Multiplexing	4/7/00	09/564,770	
A Cellular Wireless Re- Use Structure That Allows Spatial Multiplexing And Diversity Communication	6/9/00	09/591,015	
Method And System For Mode Adaptation In Wireless Communication Systems	6/30/00	09/609,591	
Spatial Separation And Multi-Polarization Of Antennas In A Wireless Cellular Network	7/21/00	09/621,119	
Wireless Communications System That Supports Multiple Modes Of Operation	9/1/00	09/653,060	
An Apparatus And Method For Optimizing Data Transfer Capacity Of A Multiple Base Transceiver Station Cellular Wireless Network System	9/28/00	09/678,179	
Method And System For Adapting A Wireless Link In Response To Measured Error Rates	9/29/00	09/676,410	
Mode Selection For Data Transmission In Wireless Communication Channels Based On Statistical Parameters	9/19/00	09/665,149	
Interference Mitigation In Wireless Communications	10/13/00	09/687,965	

			
By Training Of Interfering			
Signals			
A System And Method For	11/8/00	09/708,170	
Data Transmission From			
Multiple Wireless Base	•	ļ <u>i</u>	
Transceiver Stations To A			•
Subscriber Unit			
A System And Method For	12/4/00	09/729,886	
Synchronizing Data		,	
Transmission From			
Multiple Wireless Base			
Transceiver Stations To A			
Subscriber Unit			
	12/1/00	09/730,687	
Mode Lookup Tables For	12/1/00	09/730,007	
Data Transmission In	•		
Wireless Communication			
Channels Based On	,		
Statistical Parameters	10/02/00	00/745.767	
Method And System For	12/22/00	09/745,767	
Evaluating A Wireless			
Link			
A Method And System For	2/1/01	09/775,860	
Controlling The Flow Of			
Data In A Base			
Transceiver Station			
Adaptive Channel	2/6/01	09/778,323	
Allocation Technique For			
Wireless Communications			
Systems			
A Method, System And	3/6/01	09/813,656	
Apparatus For Displaying			
The Quality Of Data			
Transmissions In A			
Wireless Communication			
System			
A Method And System For	3/23/01	09/816,652	
Scheduling The	3.23.01		
Transmission Of Wireless		i V	
Data			
Management And	3/27/01	09/819,947	
S	3121101	0,7017,747	
Scheduling Of Data That			
Is Wirelessly Transmitted			
Between A Base			
Transceiver Station And			
Subscriber Units	(10101	00/076 006	-
Method And Wireless	6/6/01	09/876,896]

			7
Communications Systems			
For Interference Mitigation			
(Continuation of GWI-			
101)			
Wireless Communication	6/5/01	09/875,806	
Systems With Adaptive			
Channelization And Link			
Adaptation			
Channel Interpolation	6/11/01	09/880,574	7
Filters In OFDM Systems		,	
Spatial Multiplexing Using	6/4/01	09/873,449	1
Co-Located Antennae	0, 1, 01	337073,	
With Multiple			
Polarizations Suitable For			
Mobile Applications	5/31/01	09/870,706	┥ .
A Wireless System	3/31/01	09/070,700	
Contention Management	•		
Procedure	6/00/01	09/894,448	-
A Method And System For	6/28/01	09/894,448	
Adapting A Wireless Link			
To Achieve A Desired			
Channel Quality		00/000 110	4
A System And Method For	7/5/01	09/900,110	
Error Correction Coding			
Wirelessly Transmitted			1
Information In A Multiple	•		
Antennae Communication			1
System			-
A System And Method Of	7/24/01	09/912,814	1
Classifying Remote Users			
According To Link			
Quality, And Scheduling			
Wireless Transmission Of		χ.	
Information To The Users			
Based Upon The			
Classifications			
A System And Method For	7/24/01	09/912,800	
Circulant Transmit			
Diversity			
A System And Method For	8/28/01	09/942,838	
Simulating A MIMO			
Transmission Channel			
	9/5/01	09/948,204	-
Transmit Signal	913101	07/740,201	
Preprocessing Based On			
Transmit Antennae			
Correlations For Multiple	<u>. </u>	.1	

Antennae Systems	10/0/01	00/075 129	4
A System And Method For	10/9/01	09/975,128	
Providing Automatic Re-			
Transmission Of			·
Wirelessly Transmitted			·
Information			-
A System And Method For	11/27/01	09/999,438	
Transmit Diversity Based			
Upon Transmission		İ	
Channel Delay Spread			-
A System And Method For	12/14/01	10/23,632	
Multiple Signal Carrier			
Time Domain Channel			
Estimation			_
A System And Method Of	2/5/02	10/072,359	13.0
Dynamically Optimizing A			
Transmission Mode Of	. •		
Wirelessly Transmitted			
Information			_
A Multiple Channel	3/25/02	10/107,124	
Wireless Receiver			
A Robust Multiple Chain	3/25/02	10/107,237	
Receiver			_
A Method And System For	5/29/02	10/158,734	1
Multiple Chain Wireless			
Receiver And Transmitter			
Phase And Amplitude		*	
Correction			
A Method And System Of	6/19/02	10/176,300	
Biasing A Timing Phase			
Estimate Of Data			
Segments Of A Received			
Signal			_
A Method And System For	7/2/02	10/189,755	
Adjusting A Power Level			
Of A Transmission Signal			
Based Upon A Peak To			
Average Ratio			
A Method And System Of	9/16/02		
Frequency And Time		•	
Synchronization Of A	•		
Transceiver To Signals			
Received By The			
Transceiver			
Transceiver			

Acknowledgment by Notary Public

State of <u>California</u>	
County of Santa Clara	
on the basis of satisfactory evider	of 2001, 2002 before me, the undersigned Notary Public, personally known to me (or proved to me noce) to be the person whose name is subscribed to the within me that he or she executed the same.
Seal:	Signature: // //
Commission # 1213405 Notary Public - Californic Santa Clara County My Comm. Expires Mar 18, 20	